(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 24 June 2004 (24.06.2004)

PCT

(10) International Publication Number WO 2004/053543 A1

(51) International Patent Classification⁷: C08J 7/06 // C08L 29:04

G02B 5/30,

(21) International Application Number:

PCT/JP2002/013036

(22) International Filing Date:

12 December 2002 (12.12.2002)

(25) Filing Language:

English

(26) Publication Language:

English

(71) Applicant (for all designated States except US): SUM-ITOMO CHEMICAL COMPANY, LIMITED [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MATSUMOTO,

Koji [JP/JP]; 5-5. Hoshigoe-cho, Niihama-shi, Ehime 792-0009 (JP). HAYASHI, Narutoshi [JP/JP]; 1-5-324, Wakamizu-cho, Niihama-shi, Ehime 792-0017 (JP). KURATA, Nohuyuki [JP/JP]; 4-3-12, Habikigaoka, Habikino-shi, Osaka 583-0864 (JP).

(74) Agents: AOYAMA, Tamotsu et al.: AOYAMA & PART-NERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) Designated States (national): CN, JP, KR, US.

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



(54) Title: METHOD FOR PRODUCING IODINE TYPE POLARIZING FILM

(57) Abstract: A method for producing a polarizing film comprising the step of dipping a polyvinyl alcohol film in/on which iodine is adsorbed and oriented in an aqueous solution containing boric acid wherein contact between the aqueous solution and oxygen is suppressed. The produced polarizing film has a high contrast.